



One stop platform for all your enterprise requirements, **Made Easy**



Skylus Cloud without complexity



Rapid



Agile



Made Easy

Skylus delivers a private cloud solution that makes customers journey simple and fast from desegregated to BareMetal, Hyperconverged cloud deployment seamless and easy. Skylus has the adaptability to fit the diverse business landscapes.

Building blocks of **Skylus** Solution Architecture:

- Secure private cloud
- Easy to use Dashboard
- Skylus certified hardware



Private Cloud



Dashboard



Hardware



Skylus Cloud Infrastructure

Cloud Infrastructure Features:



Skylus Cloud
Shell



Workload
snapshot



Single Management
Dashboard



Migration/Failover
Between Nodes



Modular cloud
service architecture



Skylus App
Library



Skylus Project
A Multi-tenancy Cloud



Scalable appliance
solution



VDI turnkey
appliance solution

Enterprise Data Services:



Back-up



Cloning



Snapshots

Skylus Dashboard

Dashboard Features:

- All-in-One Dashboard
- User-friendly interface
- Rapid VM creation
- Advanced VM creation
- Quota management
- VM Console
- Interactive cloud shell
- Statistics
- Cloud Health Metric Visualization
- Alerts & Notification Center
- Advanced security management



① What Is So Special About Skylus?



Single Management Dashboard

Combined monitoring and managing resources with Rapid VM creation, advance VM creation, settings & statistic page.



Skylus Cloud Shell

Interactive cloud shell grants user command-line access to cloud resources from the comfort of their browser.



Containers

Running on containers, various containers spread across the systems to have completed redundancy.



Modular Cloud Service Architecture

Backend pack-networking, network, storage, compute, controller all these services is containerize and running on cloud.



Terminal System

Get quick access to the VM from Skylus Dashboard for trouble shooting on our own terminal system.



Snapshot

Snapshots of Virtual Machine can be created on demand.



Skylus Project: Multi Tenancy

With Project Isolation from different users accessing same cloud resources.



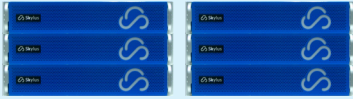
VM Performance Stats And Logs

Analyze and see detailed reports on running VMs.



📁 Skylus Hardware

Skylus Enterprise Cloud Package



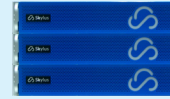
Skylus Enterprise Cloud package is the recommended package is optimised to be able to handle the greater workloads and scalability like Core IT, Mission- Critical & Big Data.

- 3 x Cloud Controller
- 6 x Cloud Worker nodes (Max 128)
- 2 x 10G/25G Ethernet Switch with MLAG (for Data Network)
- 2 x 1G Ethernet Switch with MLAG (for OAM)
- 1 x 1G Ethernet Switch (for IPMI, can try to use OAM switch for this function)

Add-ons:

- GPU Enabled Cloud Worker Nodes
- Cloud Backup Node (NFS based, at-least 3 times usable capacity as cloud)

Skylus Edge Cloud Package



Skylus Edge package is an affordable package optimised for the edge and smaller scaled workloads. This package still allows customers to scaled a certain amount.

- 1 x Cloud Controller
- 4 x Cloud Worker nodes (Max 12)
- 1 x 10G/25G Ethernet Switch (for Data Network)
- 1 x 1G Ethernet Switch (for OAM & IPMI)

Specification



	Tyrone Skylus Controller Series I Series A	Tyrone Skylus Hybrid node Series I* Series A	Tyrone Skylus Flash node Series I* Series A	Tyrone Skylus GPU node** Series I* Series A	Tyrone Skylus Backup node*** Series Uni Series HA
Form factor	1U	2U	Series I - 2U Series A - 1U	Series I - 1U Series A - 2U	4U
Processor	Series I - Intel Xeon® Series A - AMD EPYC™	Series I - Intel Xeon® Series A - AMD EPYC™	Series I - Intel Xeon® Series A - AMD EPYC™	Series I - Intel Xeon® Series A - AMD EPYC™	Intel Xeon®
GPU Supported	N/A	N/A	N/A	Series I - 4 nos Series A - 2 nos	N/A
Memory	Min: 128GB Max: 768GB	Series I - Min: 384GB - Max: 1TB Series A - Min: 512GB - Max: 2TB	Series I - Min: 384GB - Max: 1.5TB Series A - Min: 512GB - Max: 2TB	Series I - Min: 384GB - Max: 768GB Series A - Min: 512GB - Max: 2TB	Series Uni - 128GB Series HA - 256GB
Storage Capacity	4 x LFF/SFF	Series I - 8 x LFF/SFF Series A - 12 x LFF/SFF	Series I - 24 x SFF Series A - 12 x SFF	Series I - 2 x SFF Series A - 8 x LFF/SFF	Series Uni - 36 x LFF Series HA - 90 x LFF
Storage type	SATA/SAS SSD/HDD	SATA/SAS SSD/HDD	NVMe SSD	SATA SSD	SATA/SAS HDD

* Country specific models like for make in India available

** Compute only node

*** Discuss with Tyrone team to size the solution



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